

FIG. 1

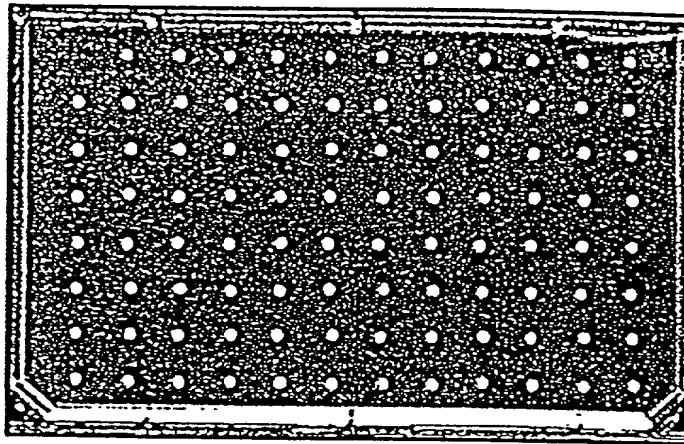
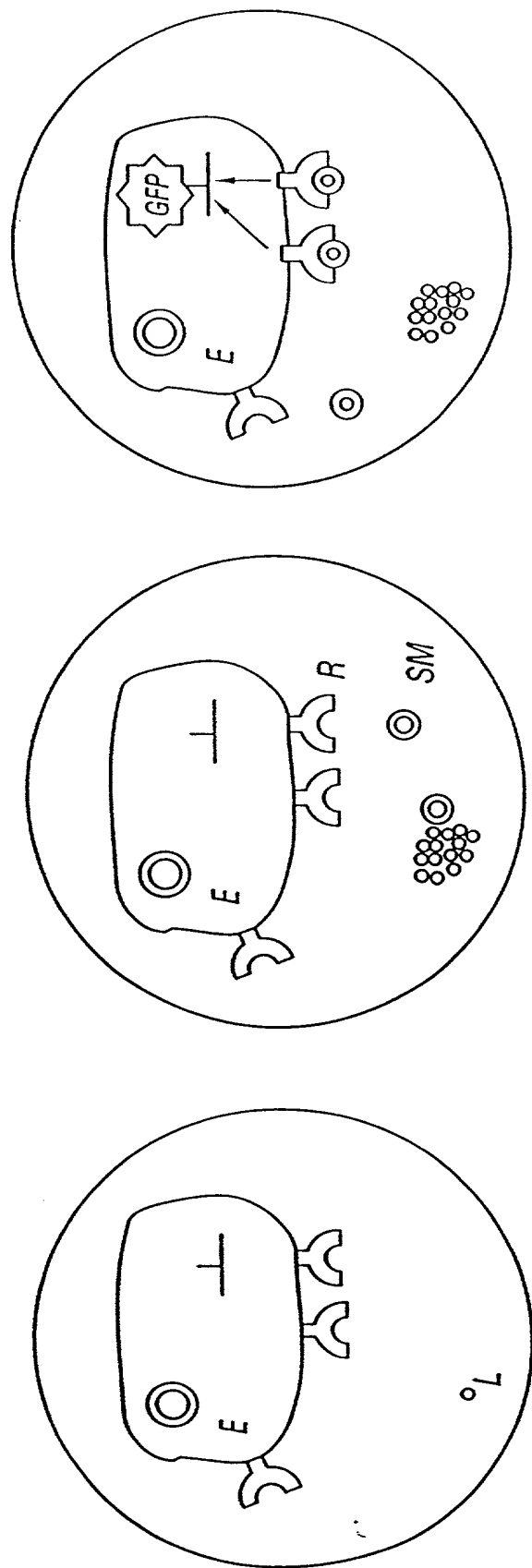


FIG. 2



Co-encapsulation
Library + Eukaryote

Growth and expression
of small molecule from host

Receptor binding of small
molecule & GFP reporting

E=Eukaryotic assay organism L=Large insert library SM=Small molecule
GFP= Green fluorescent protein R=Eukaryotic receptor

FIG. 3

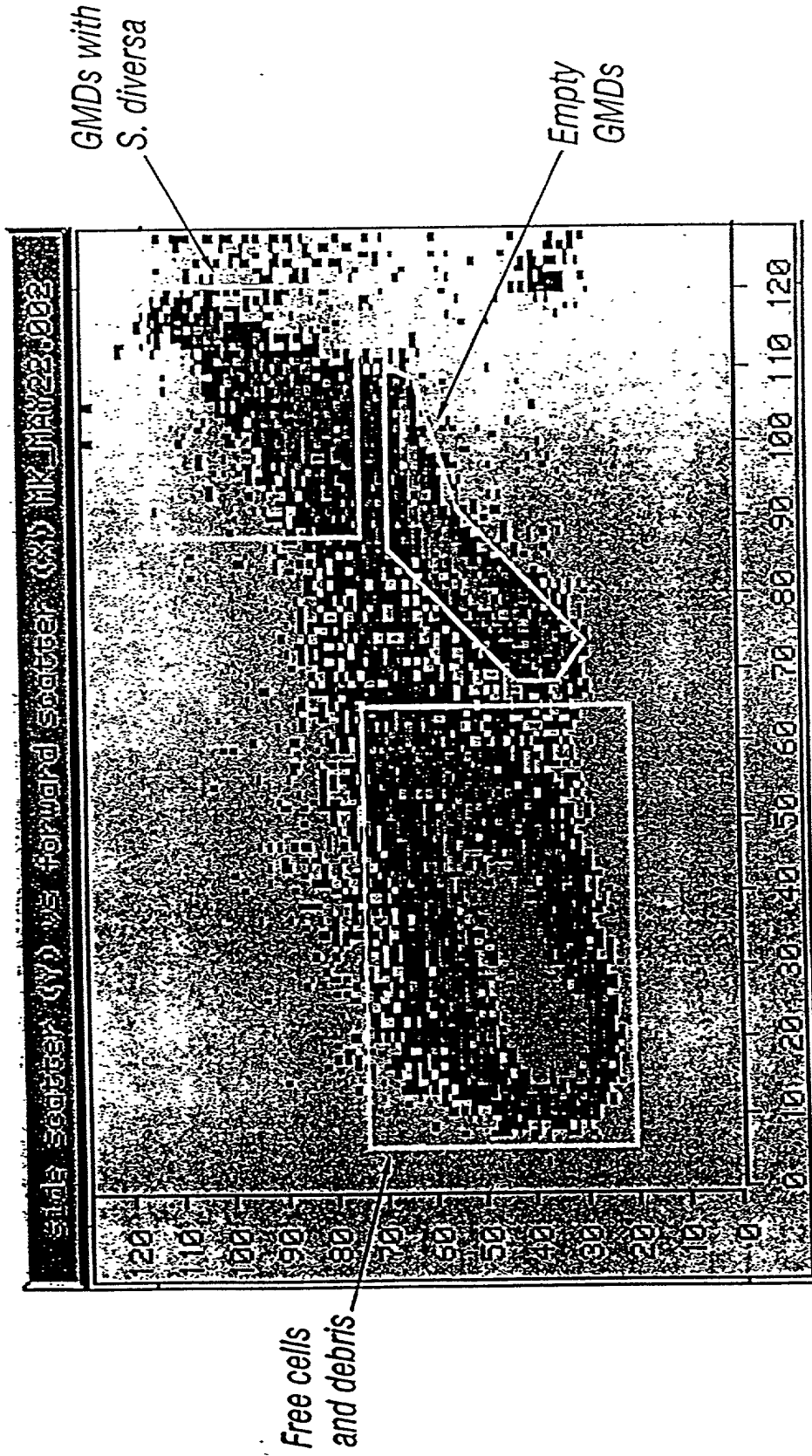


FIG. 4

Whole Cell Hybridization Protocol (+ control)

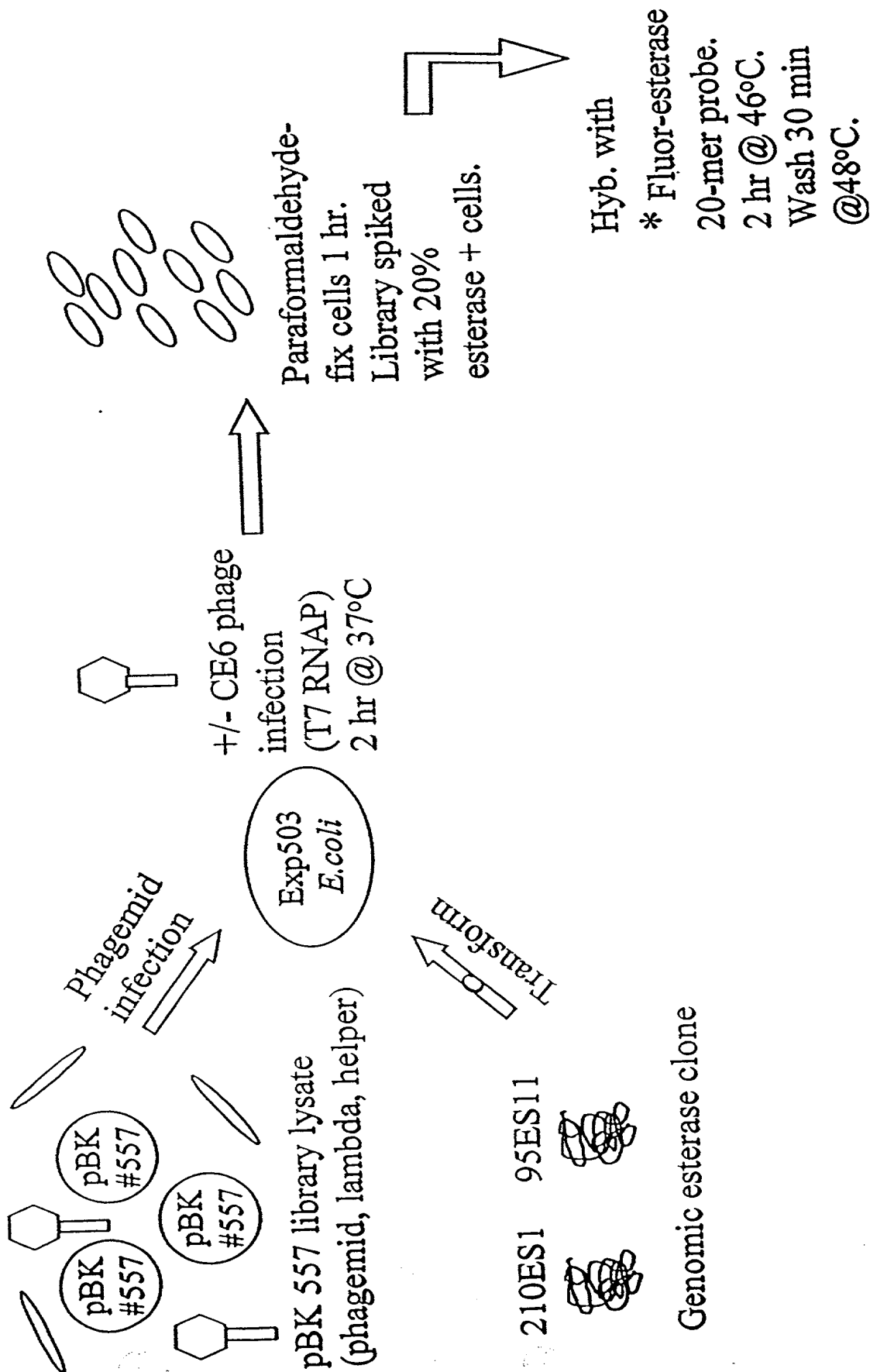


Fig. 5

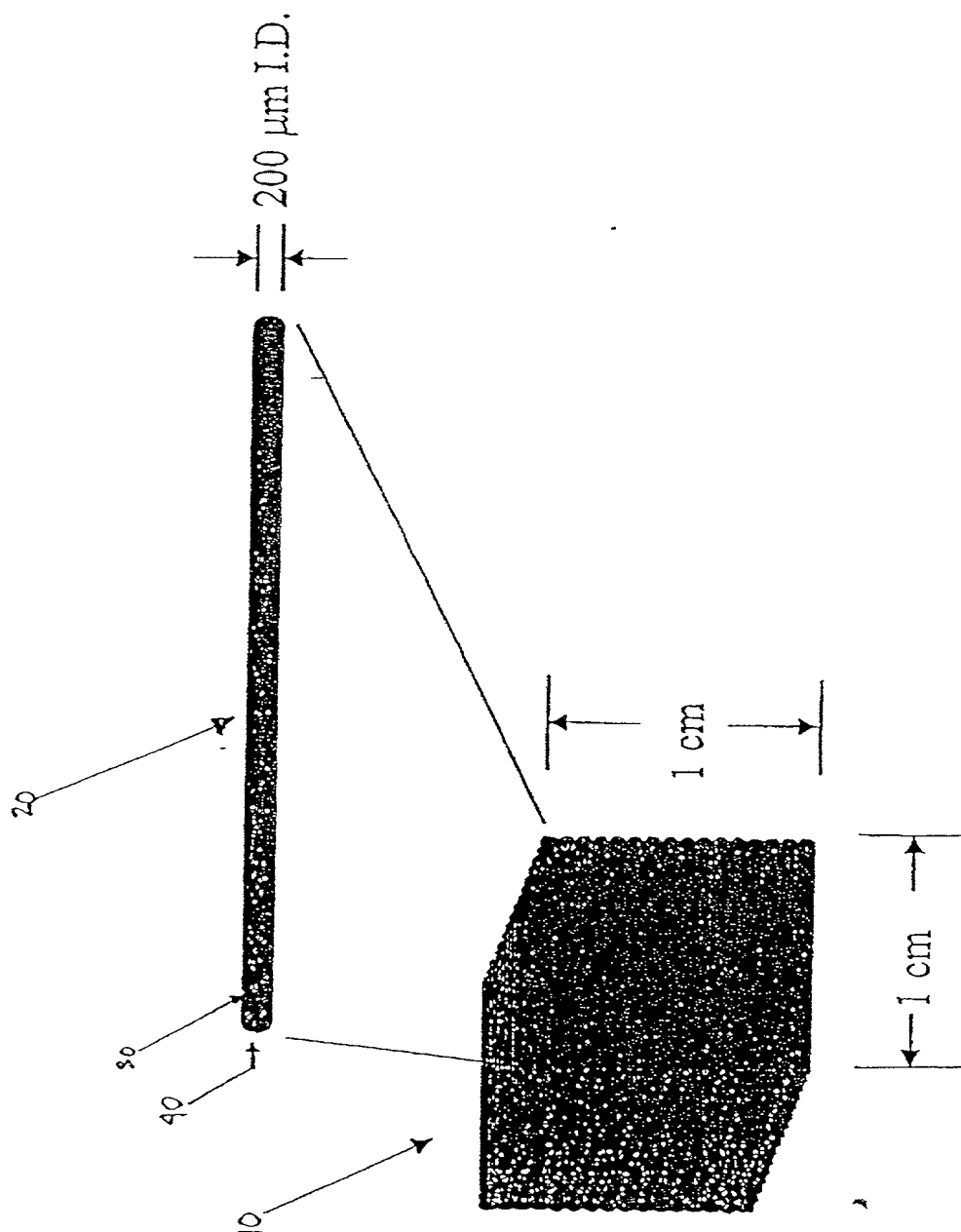


Figure 6A

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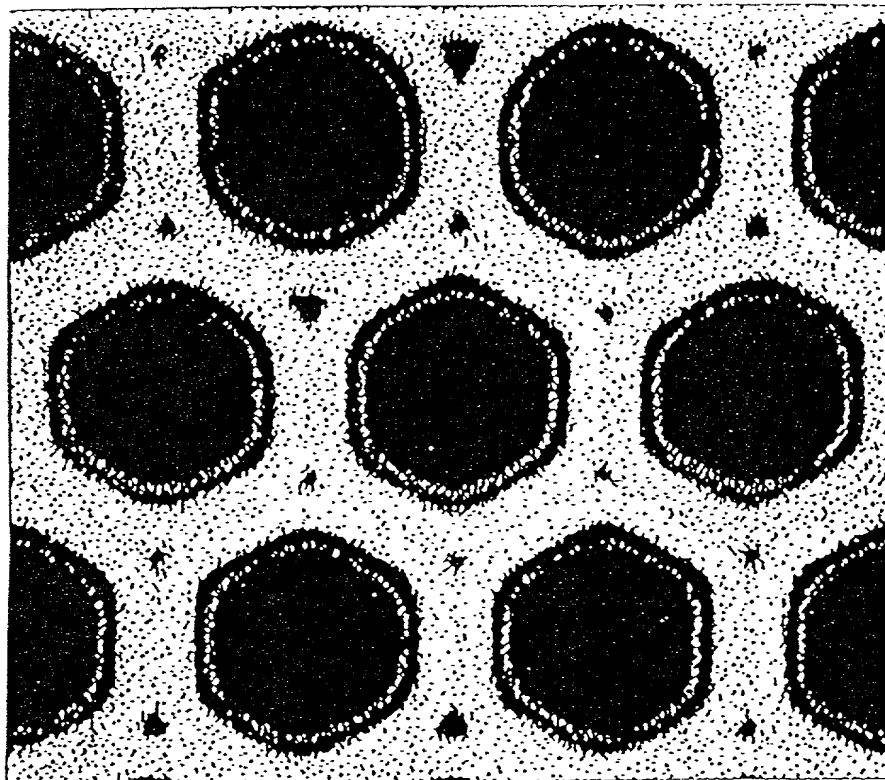


Figure
6B

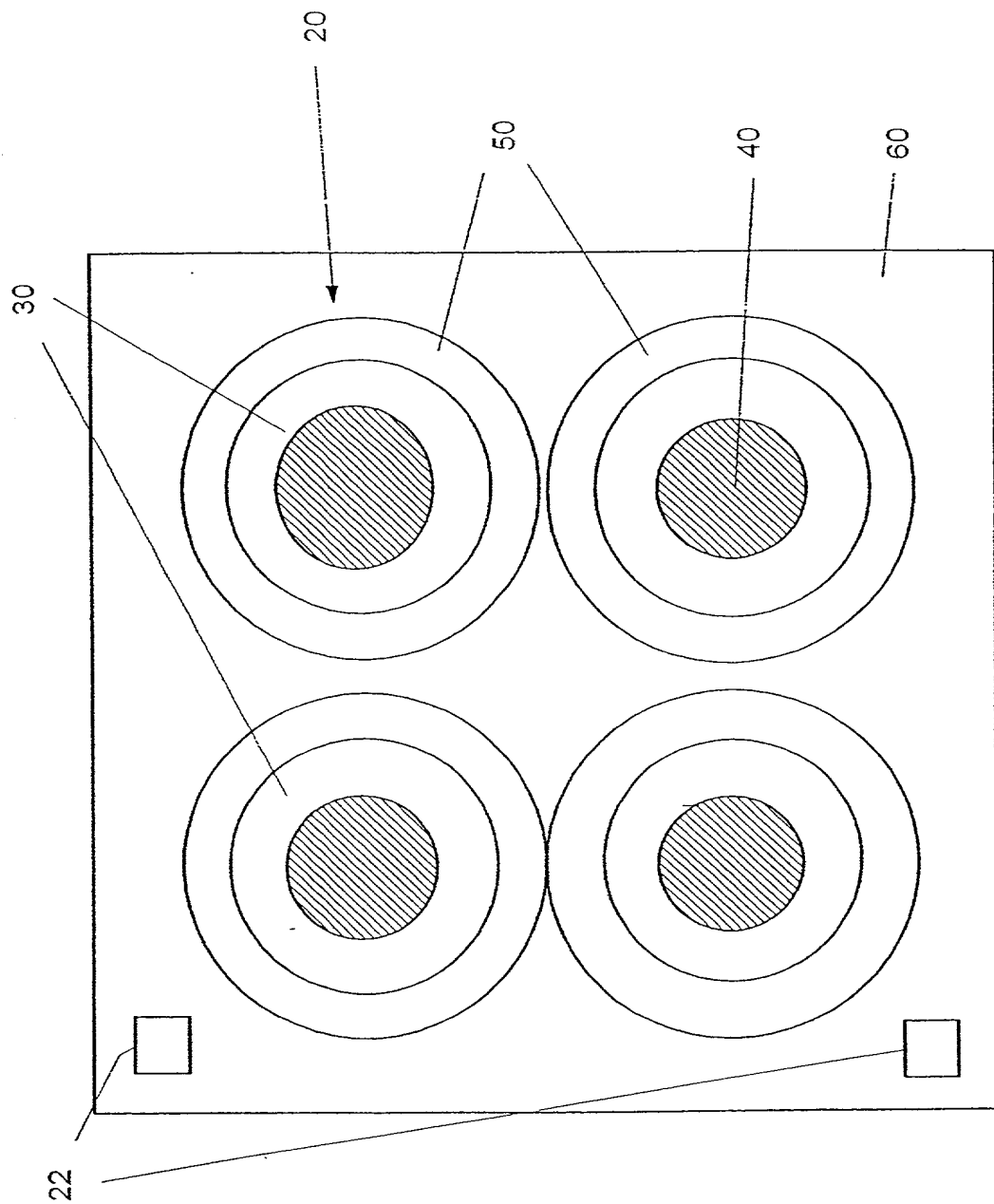


FIG. 7

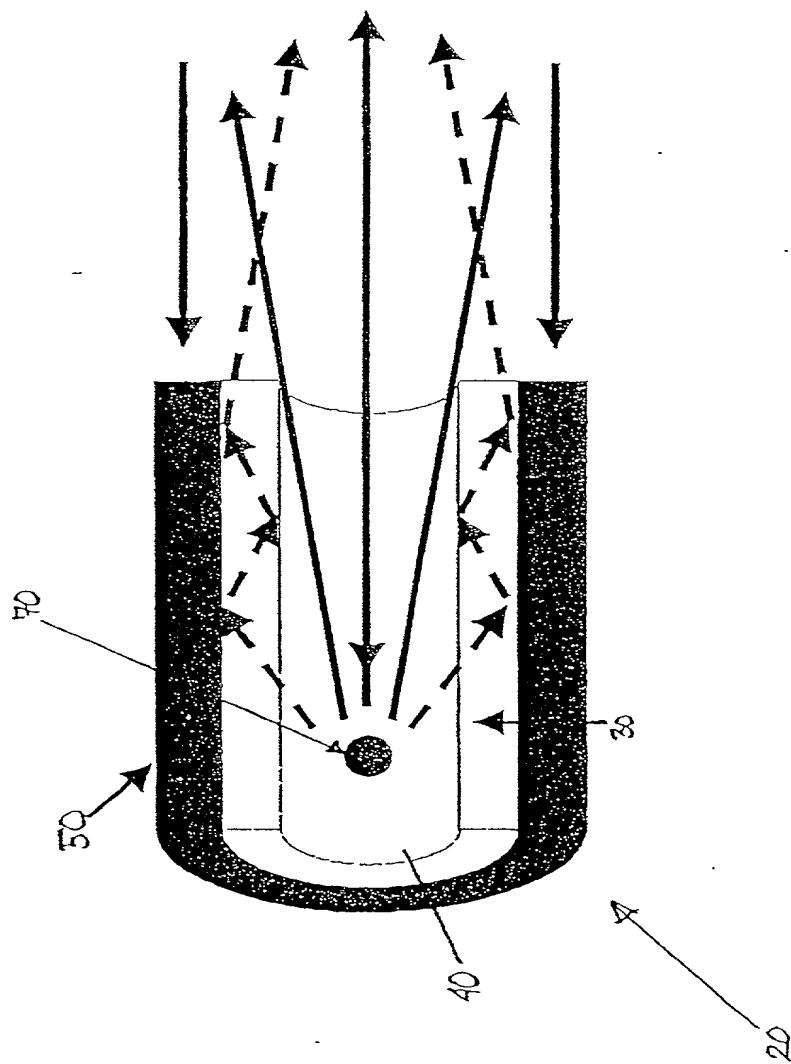


Figure 8

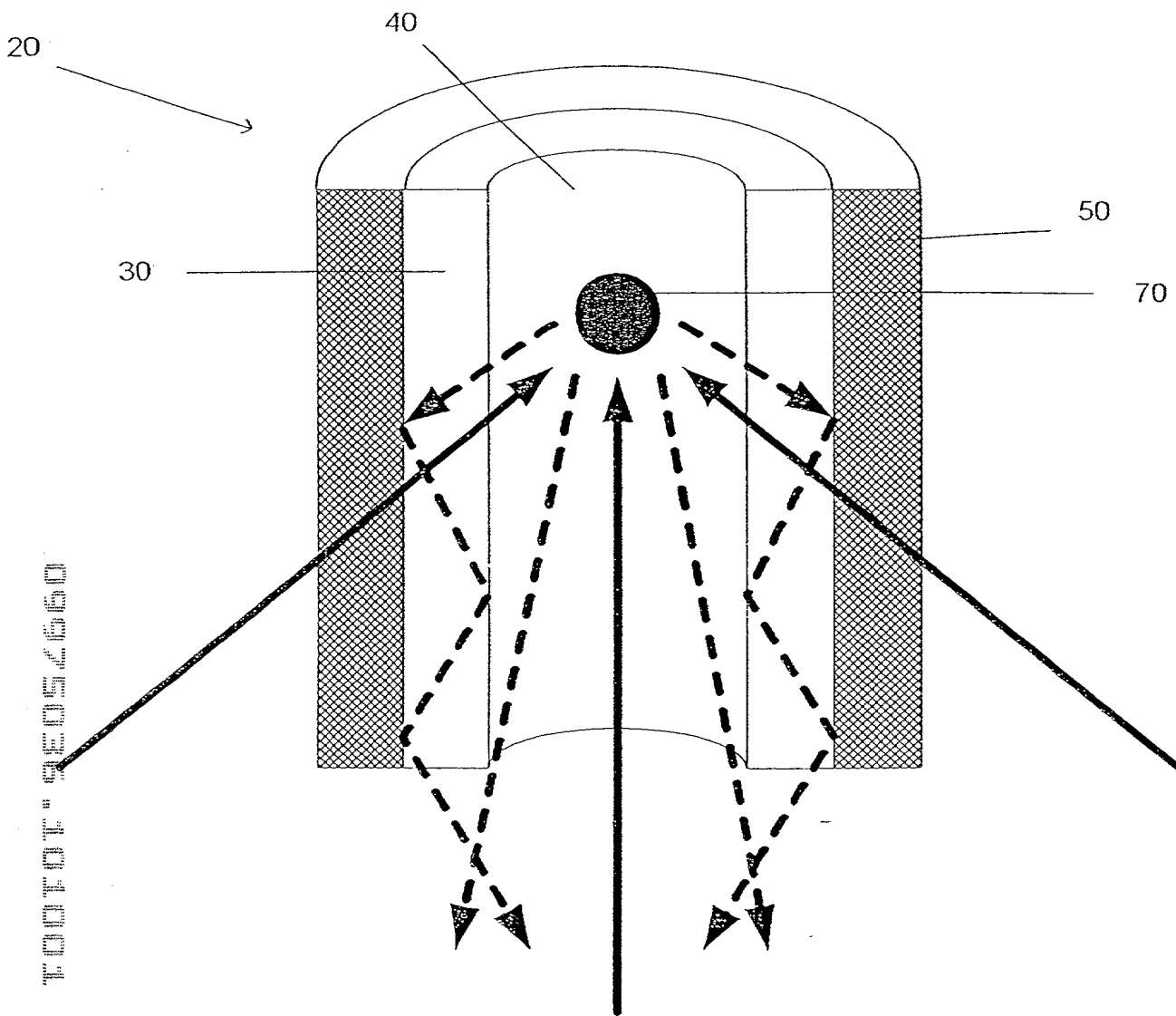
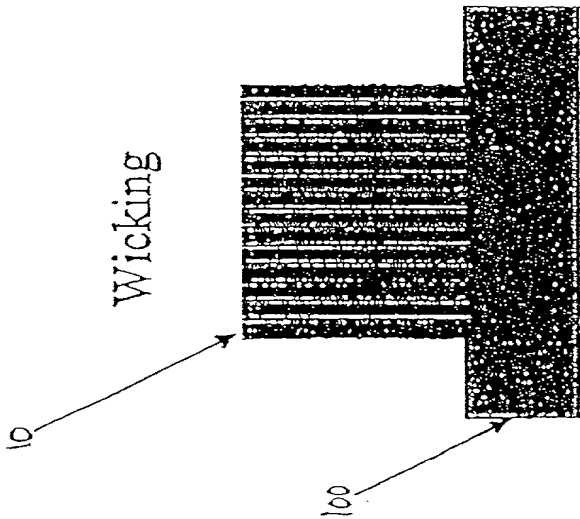
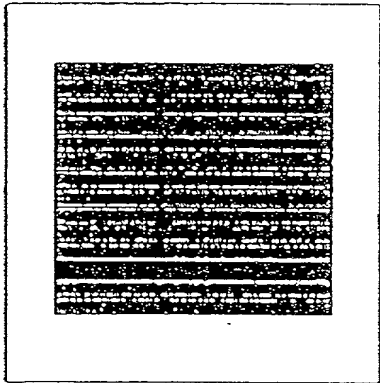


Figure
9



Wicking

Humidified Incubation



Imaging &
Recovery



Figure
10

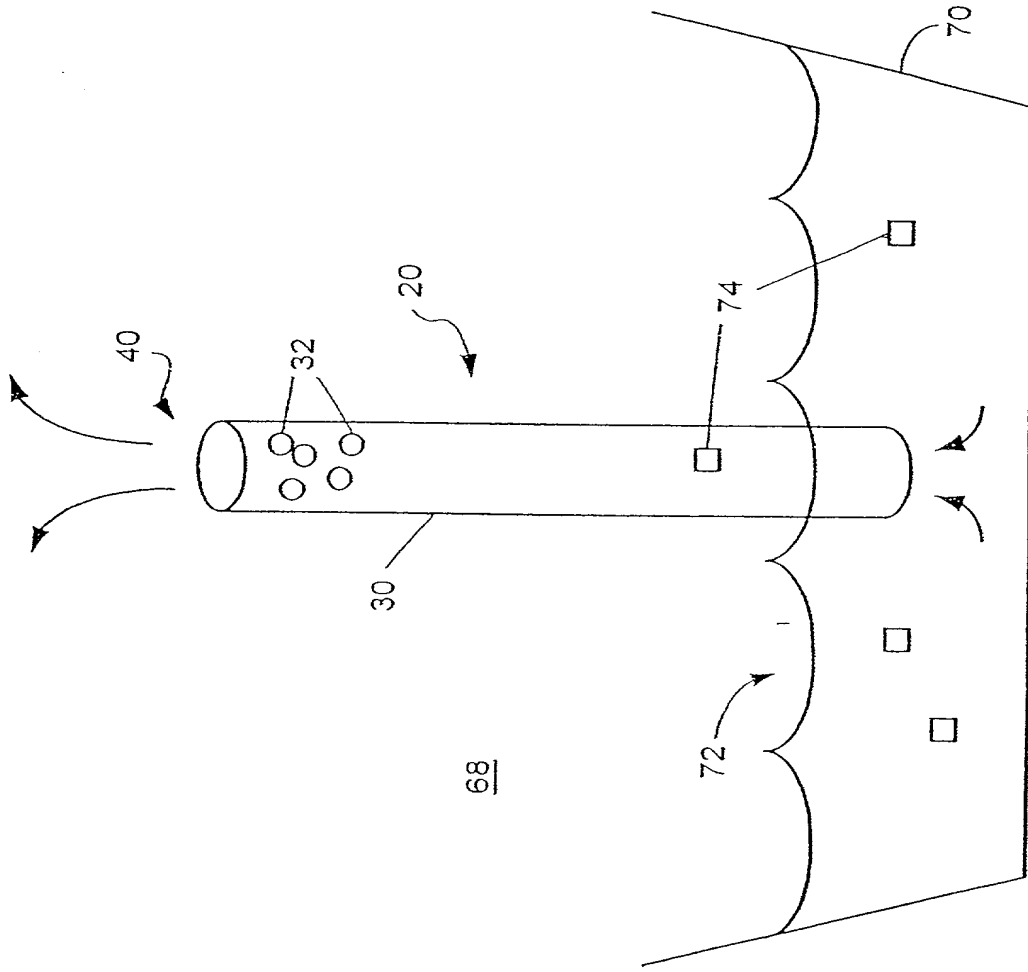


Figure 11

FIG. 12A

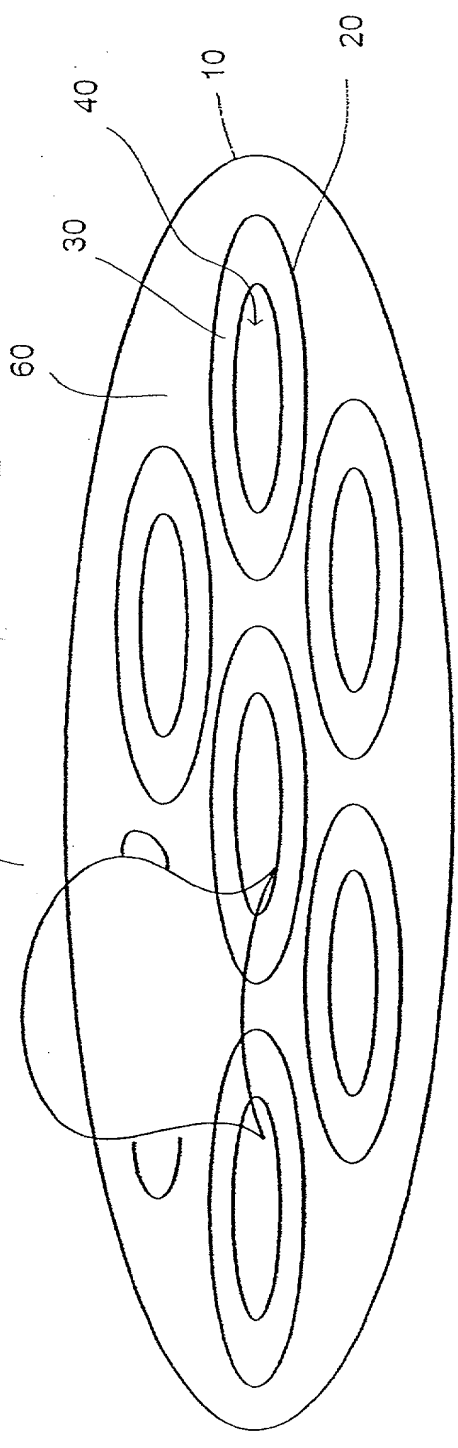


Figure 12A

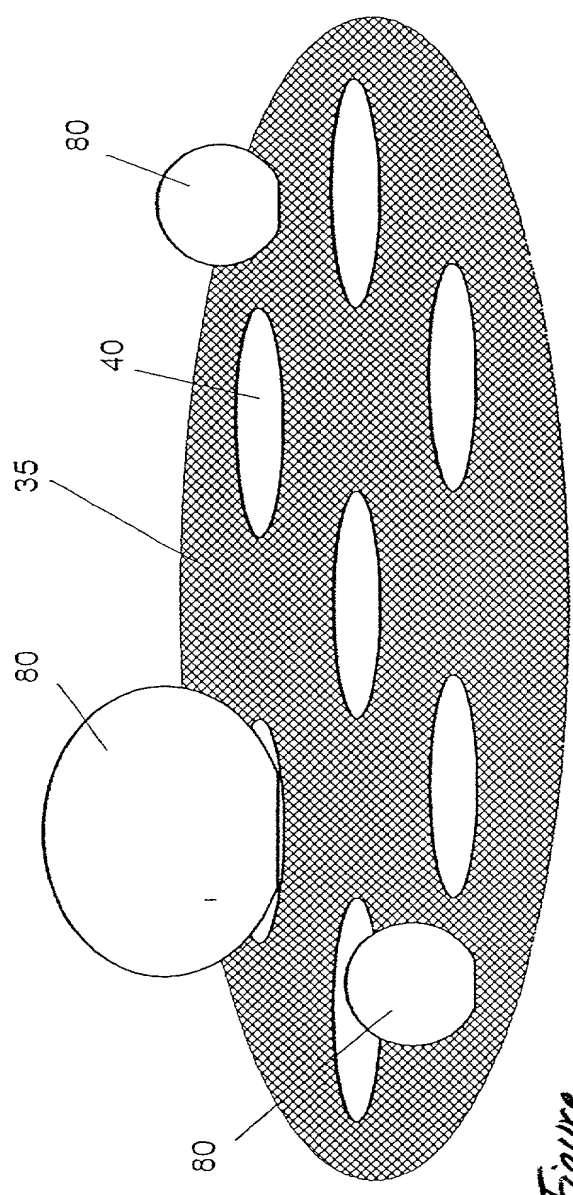
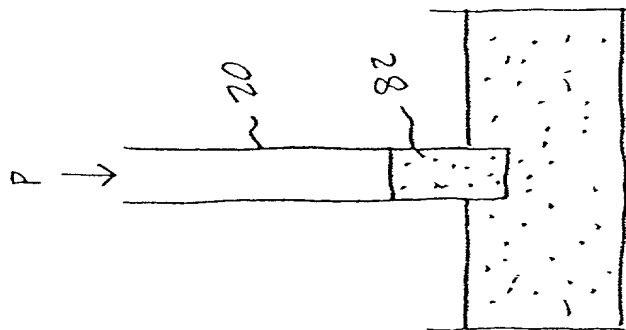
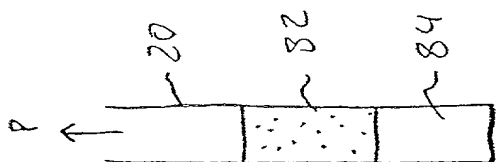


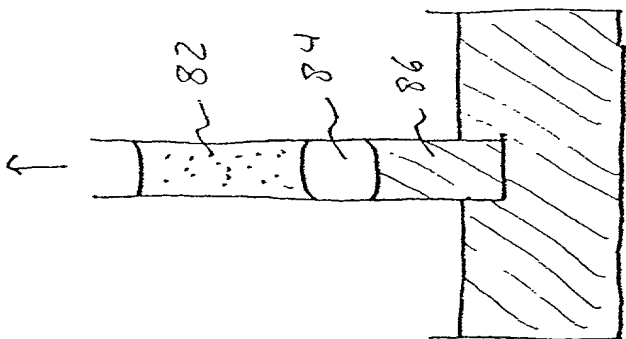
Figure 12B



A.



B.



C.

Figure
13

Capillary array.

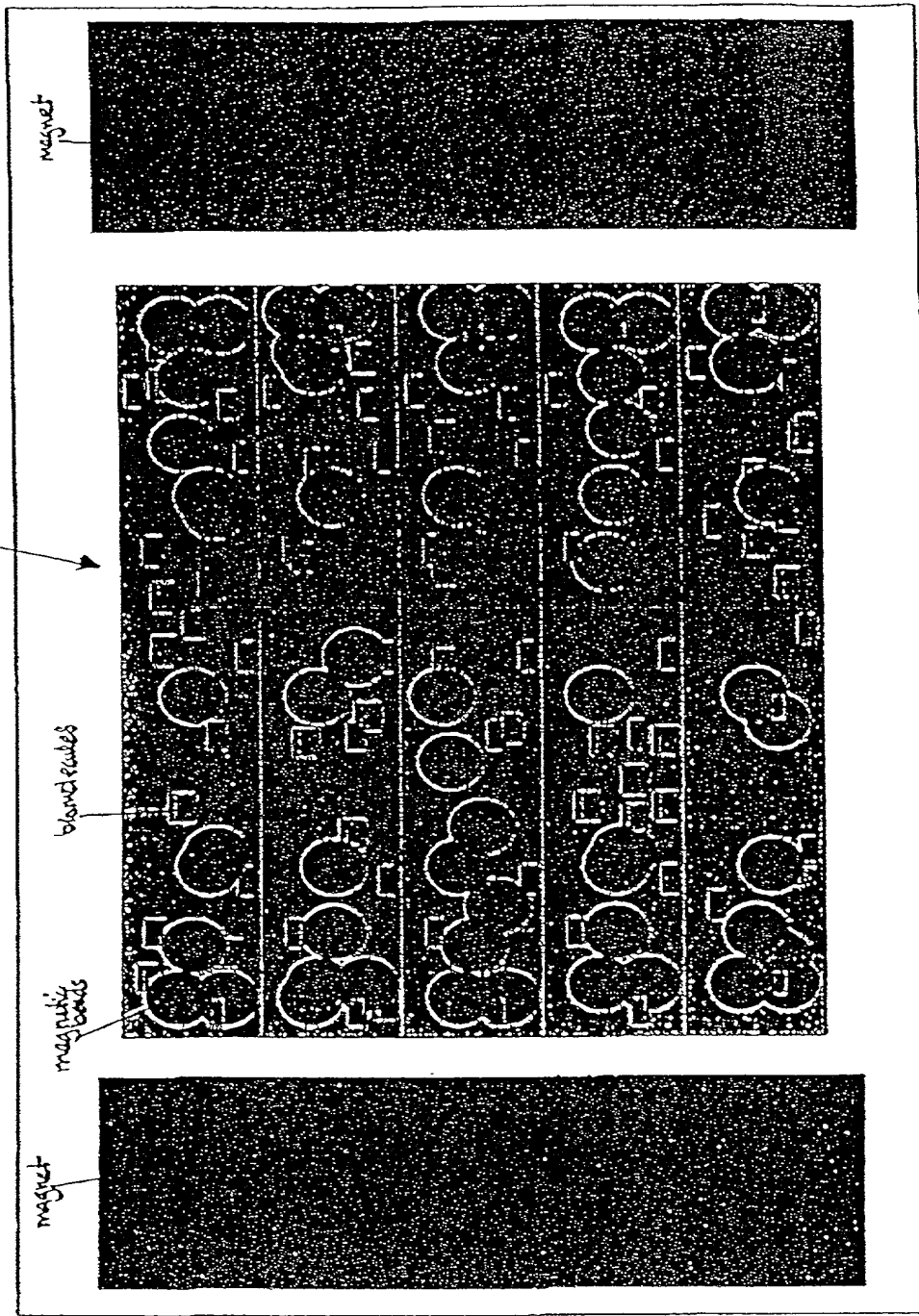


Figure 14A

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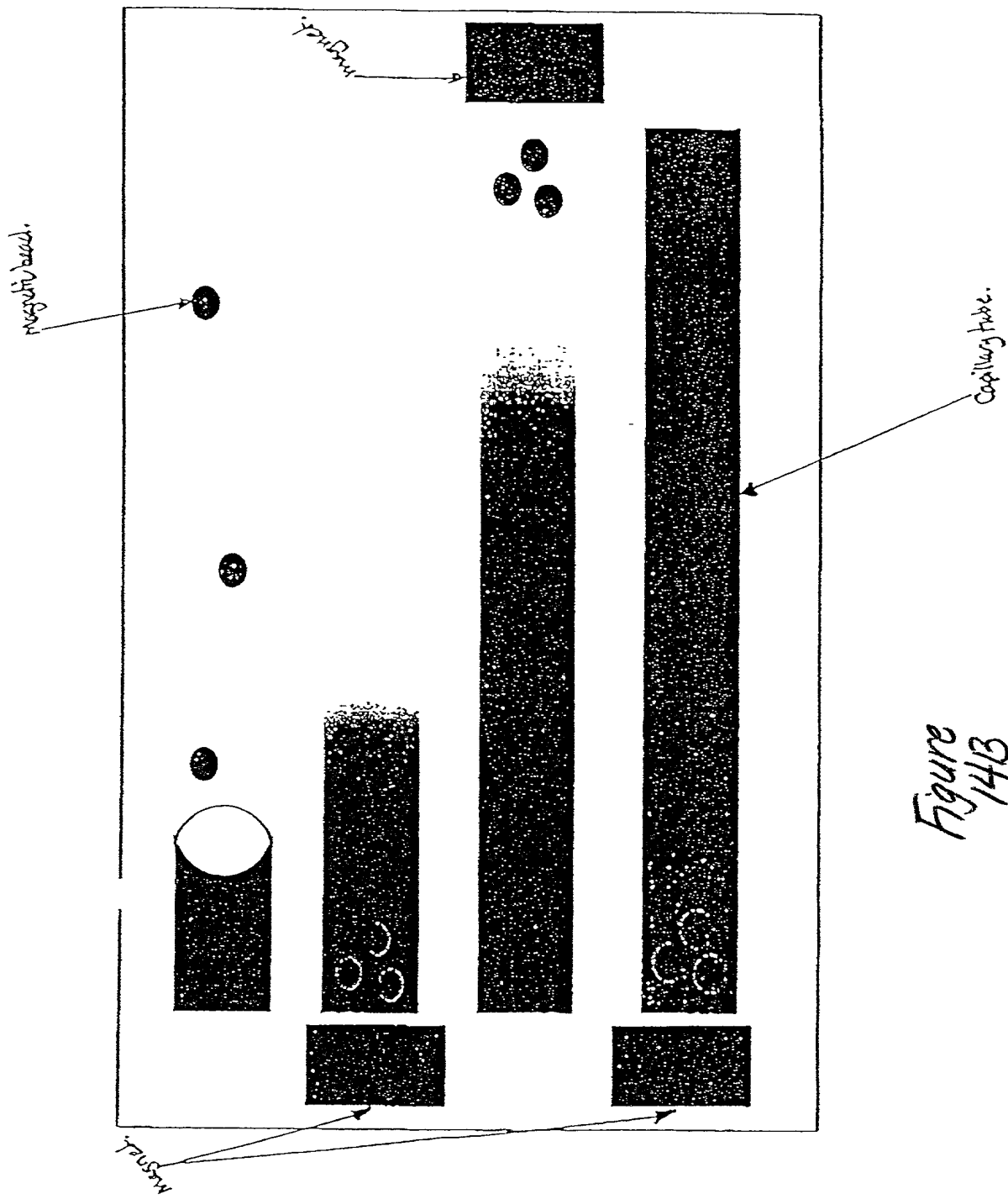


Figure 14B

0997593-10101
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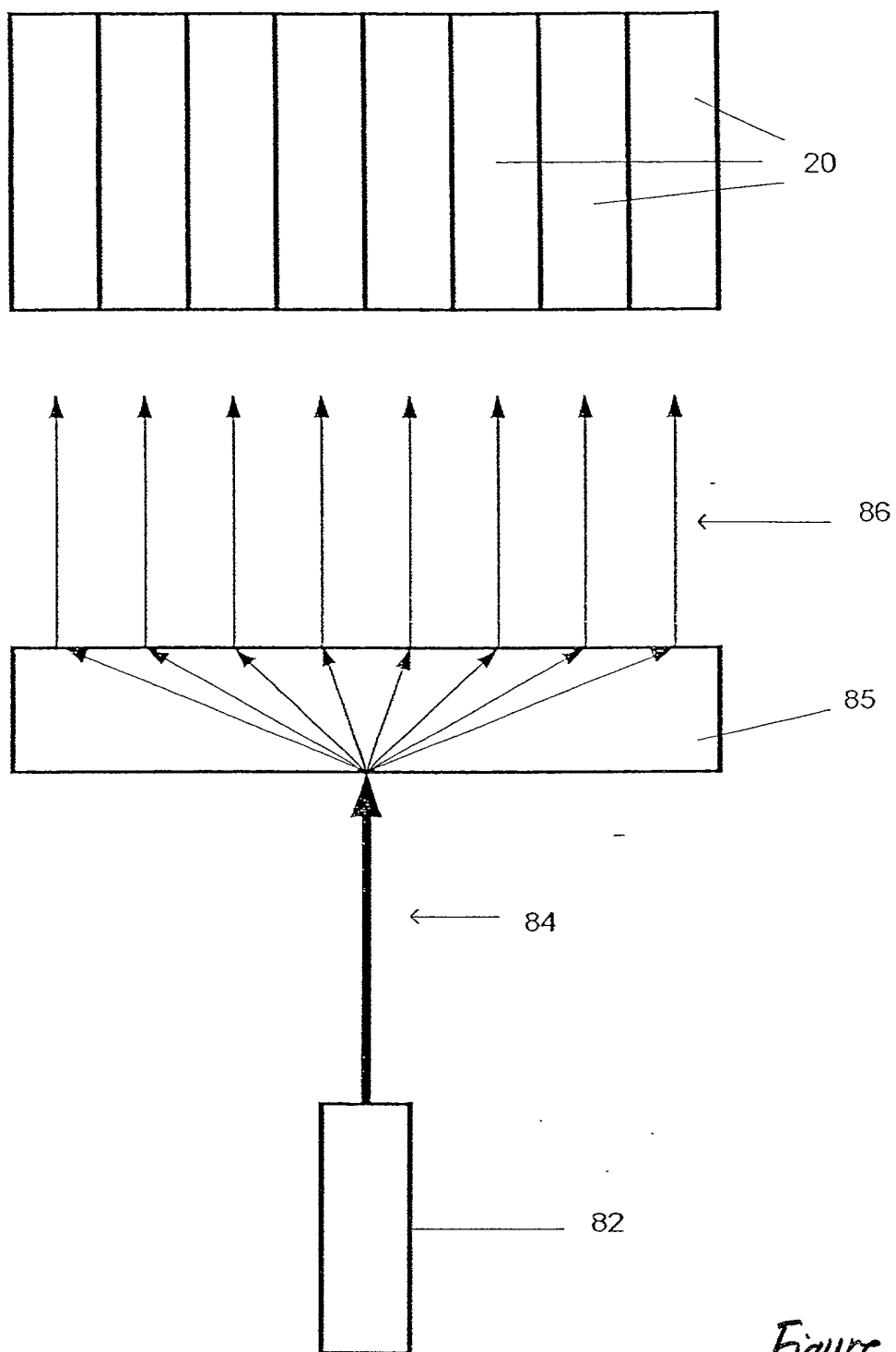


Figure
15

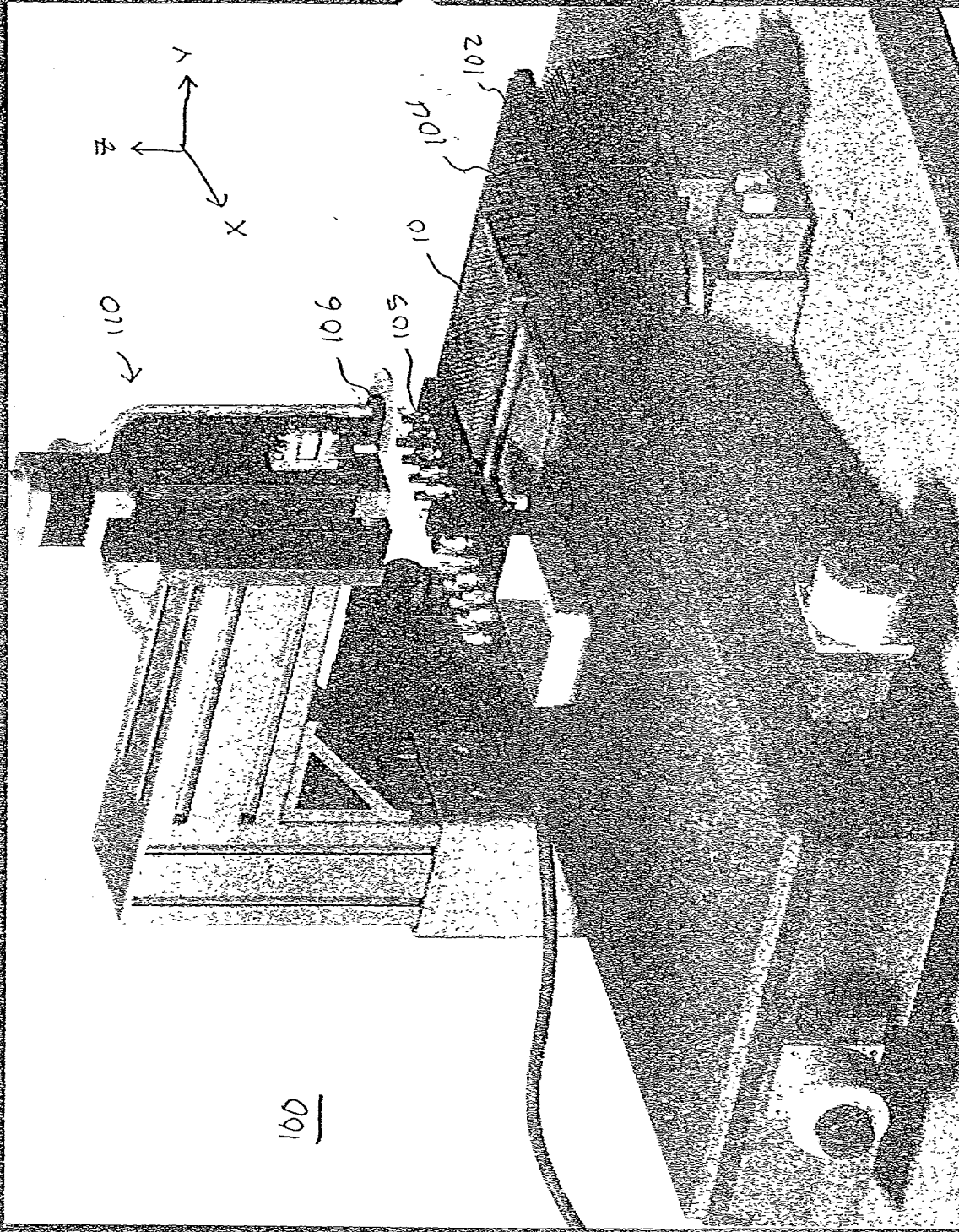
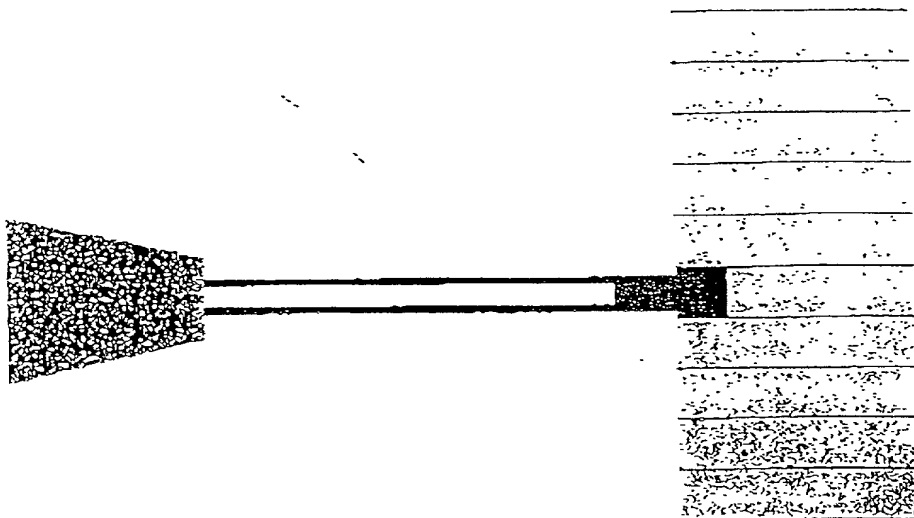


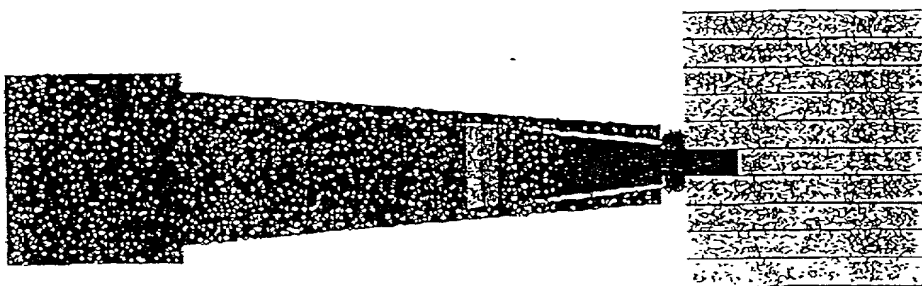
Figure 16

09975036-10101



B

Figure 17



A

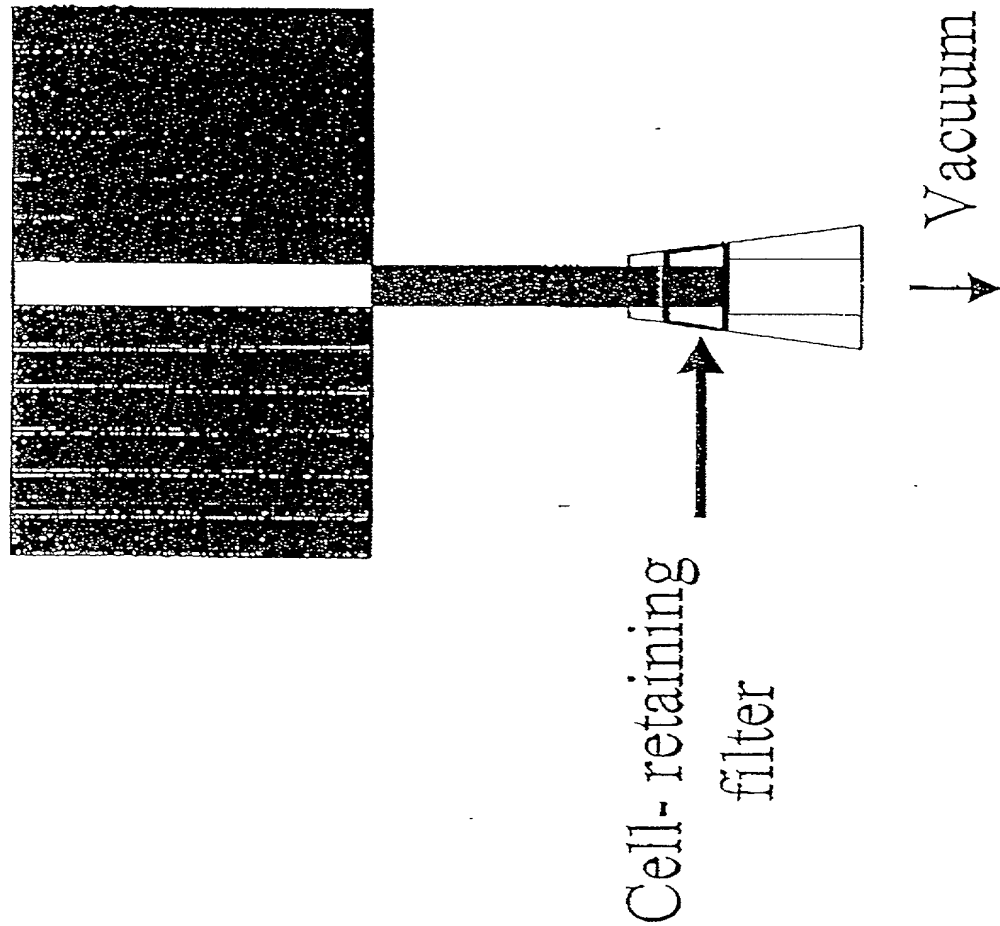


Figure 17c

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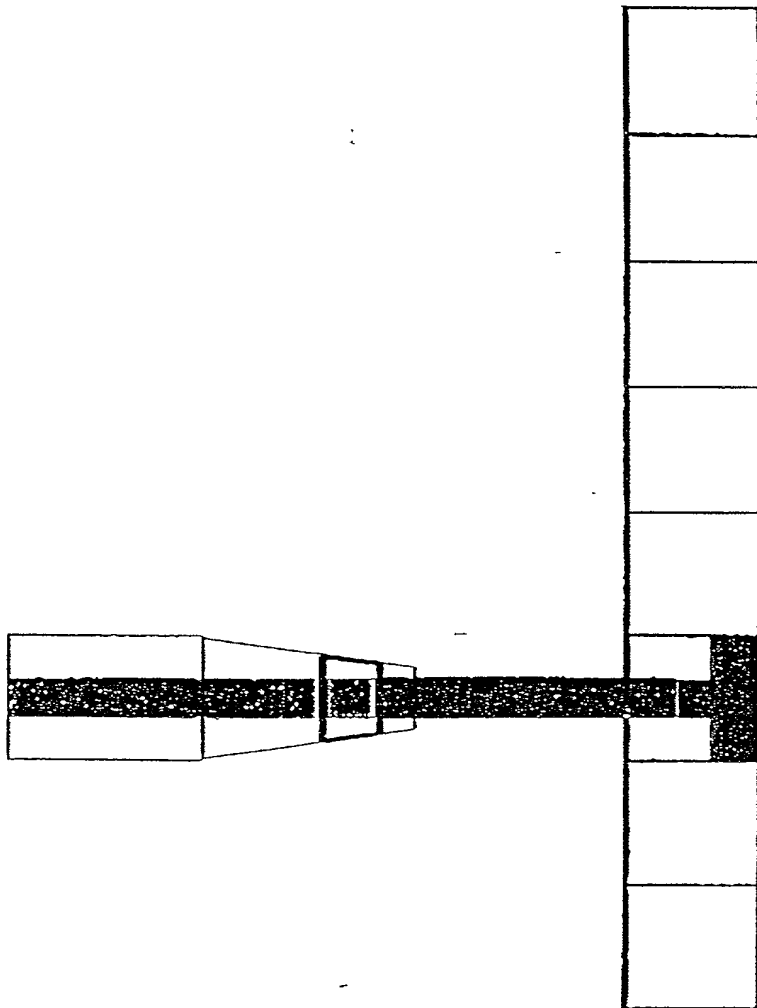


Figure
17D

HTP Enrichment of Low Copy Gene Targets

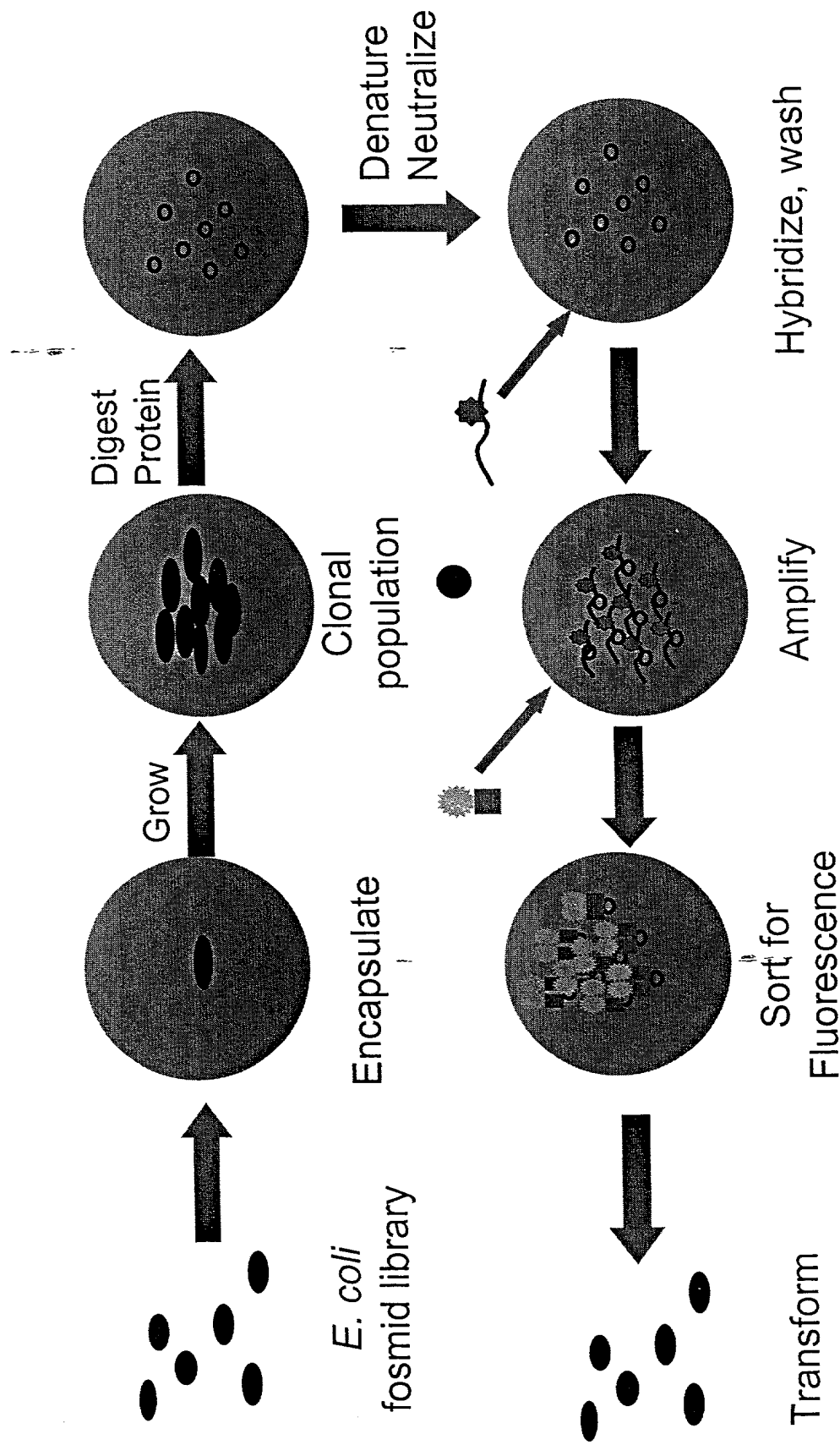
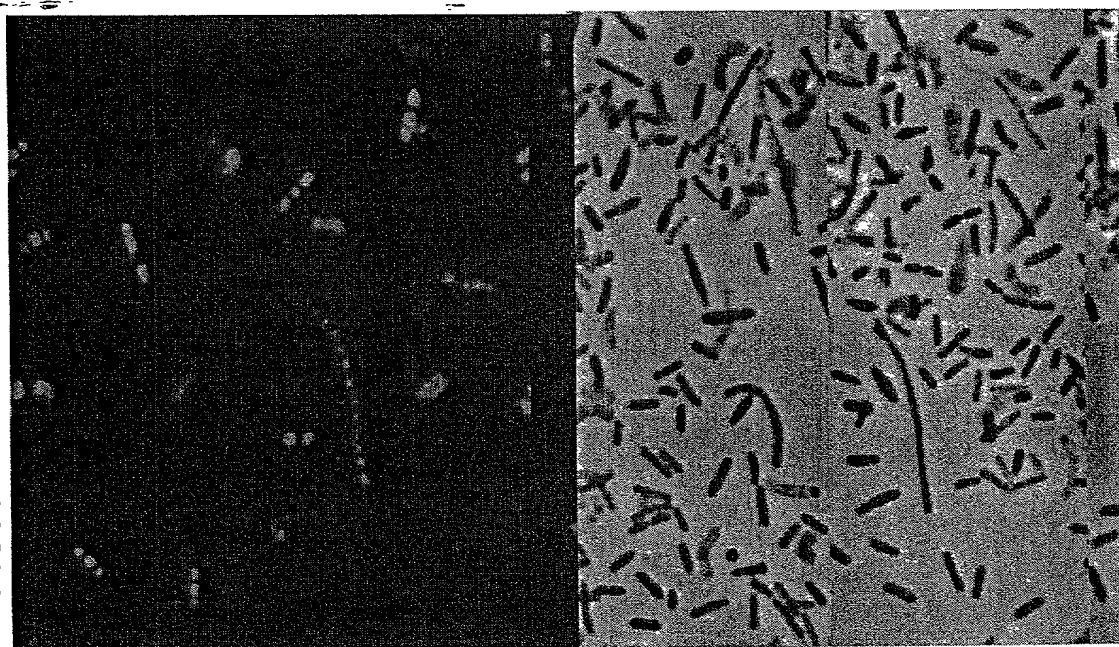


FIG. 18

Whole Cell Hybridization

Library 557 + 95ES11 clone

Probe: Fluorescein-95ES11



Fluorescein
Excitation

White
light

FIG. 20

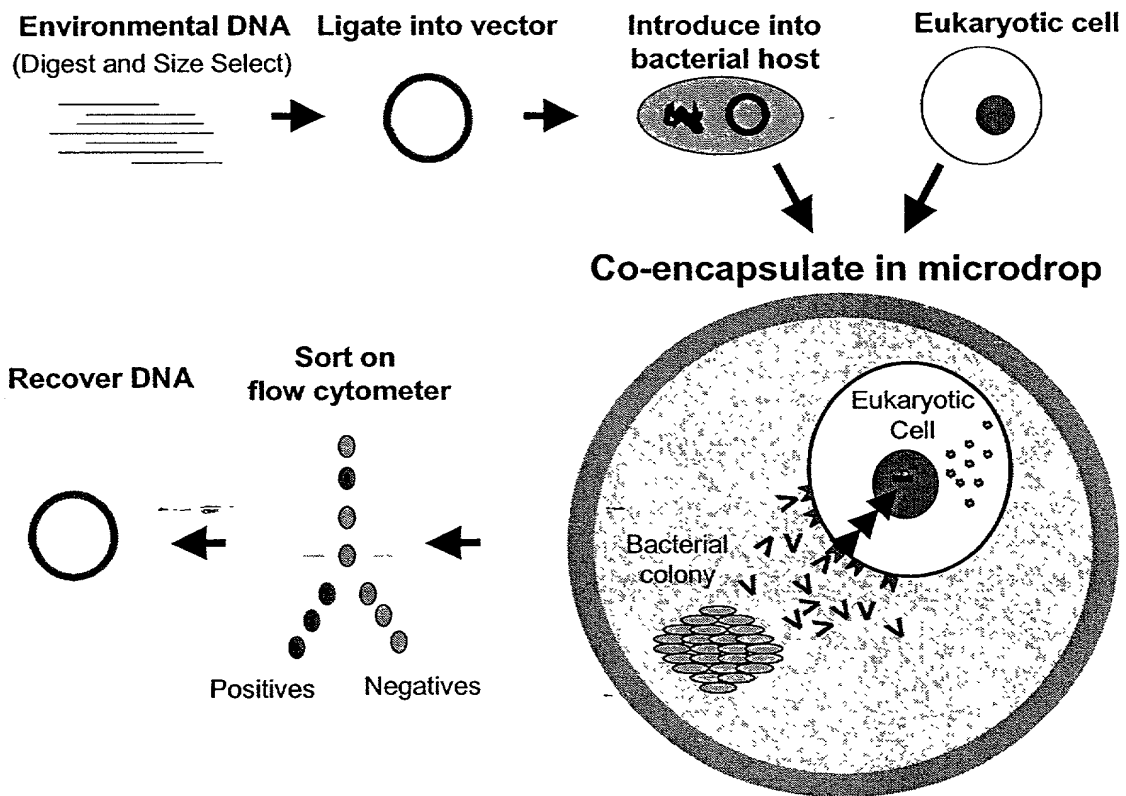


FIG. 21

Whole Cell Hybridization Protocol

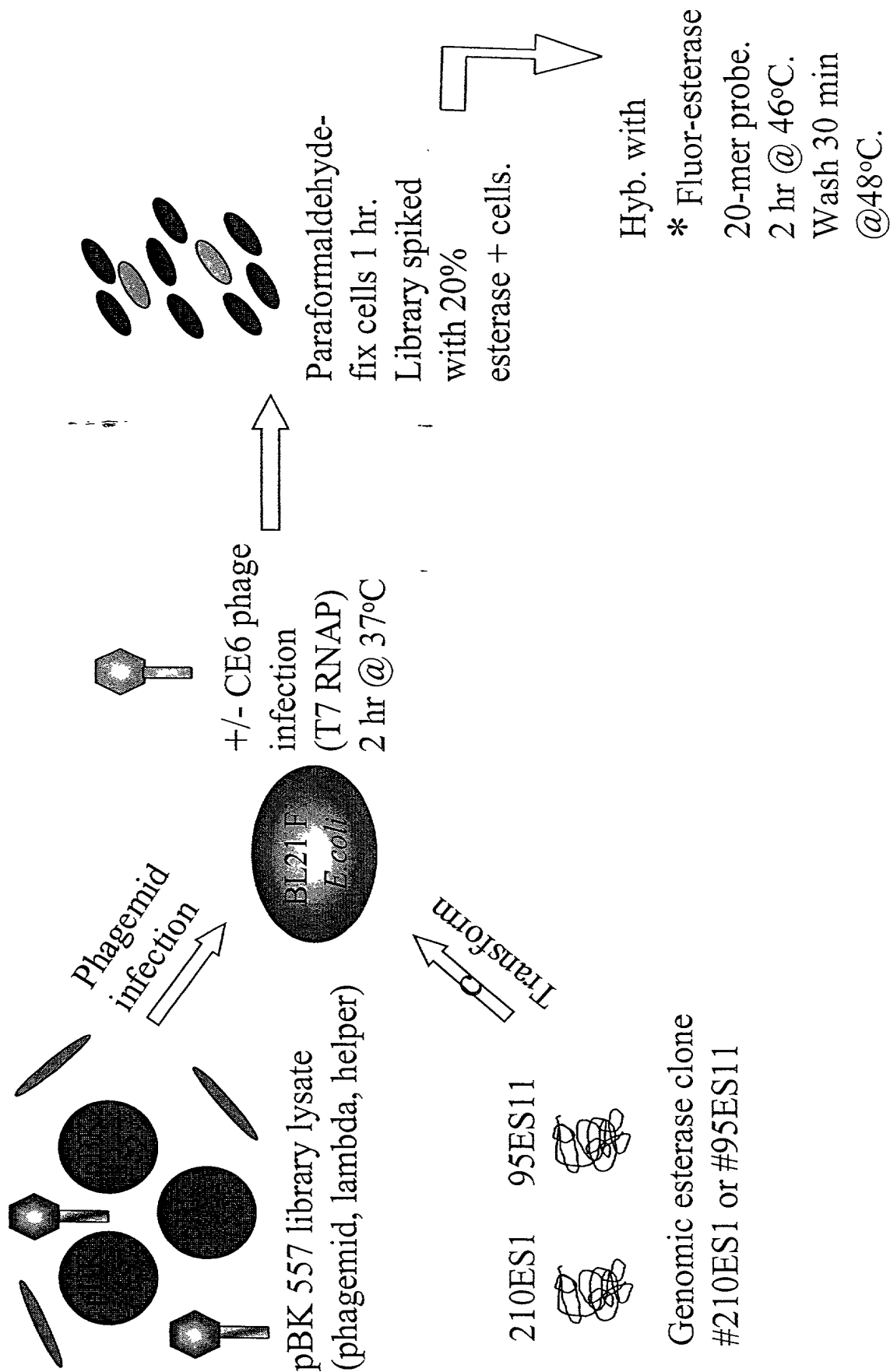


FIG. 22

T7 RNA Polymerase Expression System

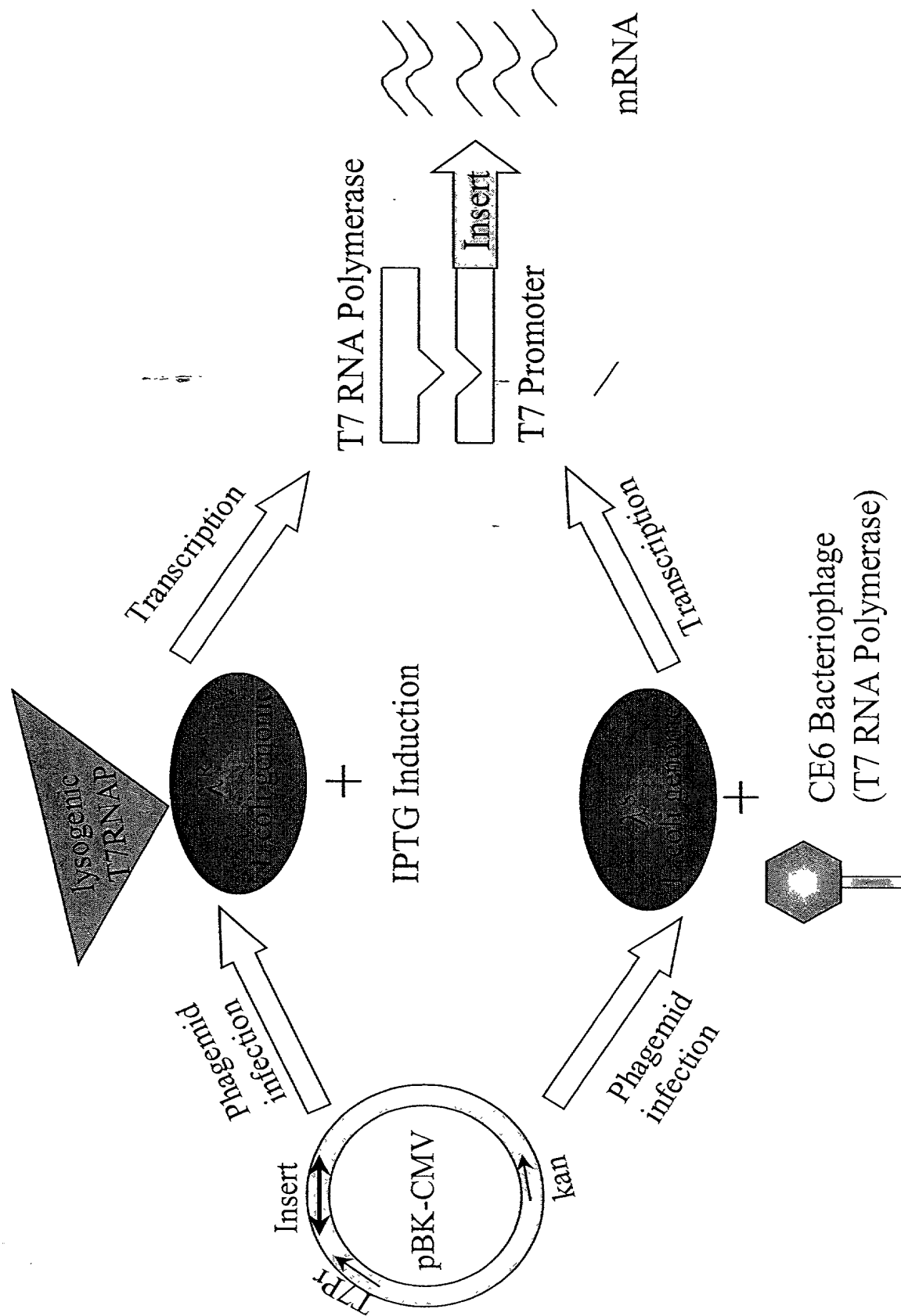


FIG. 23